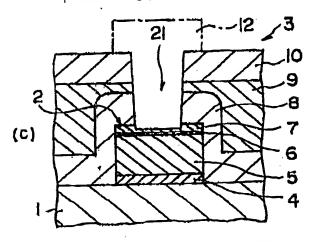


After etching (TiN is etched off.) (conventional gas)



After etching (TiN is etched off.) (gas of this invention)

Film constitution of wiring system (thin portion of SOG)

FIG. 1

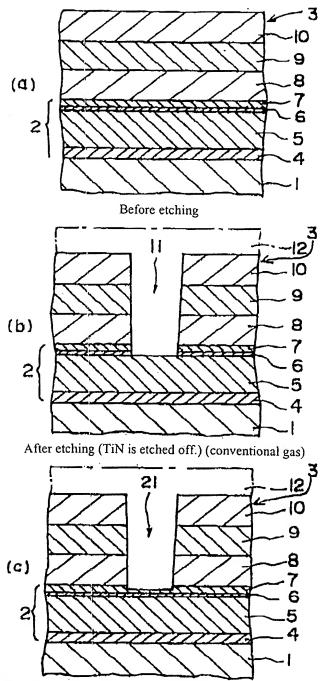
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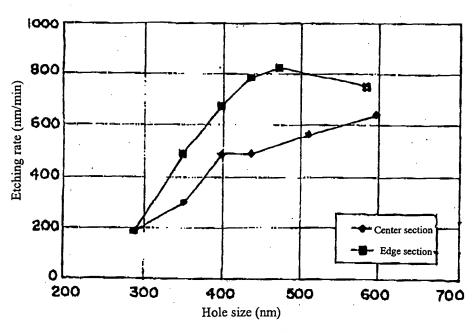
Formal Drawings

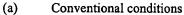
Title Invention: Semiconductor Device ... Attorney for Applicants: Willim B. Kempler

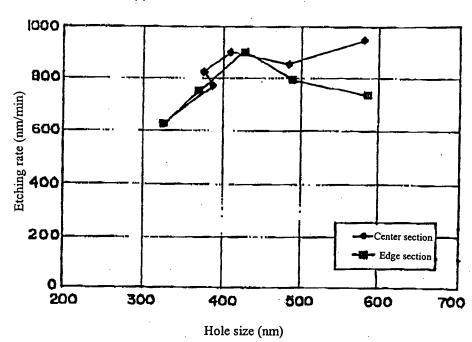
Attorny Phone No.: (972) 917-5452 / Fax - (972) 917-4407



After etching (etching is stopped by TiN.) (gas of this invention) Film constitution of wiring system (thin portion of SOG)



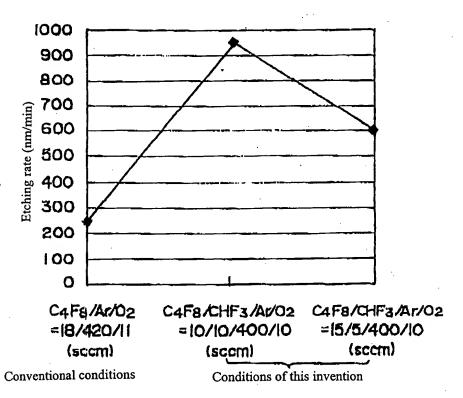




(b) Conditions of this invention

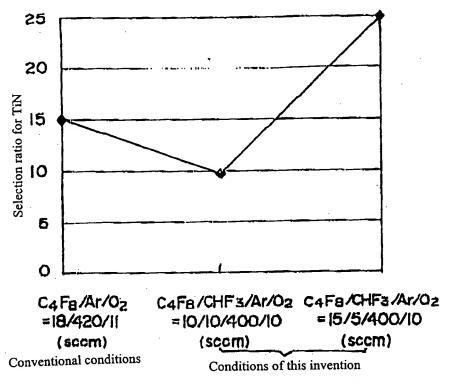
Dependence of SOG etching rate on hole size

FIG. 3



Dependence of SOG etching rate on gas composition (when hole size is 0.32 μm)

FIG. 4



Dependence of selection ratio for TiN on gas composition (when hole size is 0.32 μm)

FIG. 5

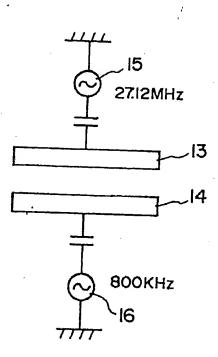


FIG. 6

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